

REMARKS/ARGUMENTS

Claims 11-24 are pending in this application. By this Amendment, claims 11-16 are amended and claims 17-24 are added. Reconsideration in view of the above amendments and the following remarks is respectfully requested.

A. Applicants acknowledge the Office Actions' indication that drawing corrections to Figures 5 and 6 are required. An Annotated Sheet Showing Changes is attached and shows proposed drawing amendments to Figures 5-6. A Replacement Sheet forwarding a formal drawing for Figures 5-6 is also attached. Express approval of the Replacement Sheet forwarding a formal drawing for Figures 5-6 is respectfully requested. Withdrawal of the objection to the drawings is respectfully requested.

B. The Office Action objects to claim 16 for informalities. Applicants respectfully submit the above amendments obviate the grounds for the objection. Withdrawal of the objection to claim 16 is respectfully requested.

C. The Office Action rejects claims 11-16 under 35 U.S.C. §112, second paragraph. The rejection is respectfully traversed.

Applicants respectfully submit that a lens cell as recited in the pending claims can be considered a "cell" of the fly eye lens with physical dimensions and the "cell" can have a micro lens therein offset from its (e.g., the lens cell) center. Further, Applicants respectfully submit that such claim recitations are supported in the specification including at least Figures 5-8. However, to expedite prosecution, Applicants respectfully submit the pending claims have been

amended as suggested by the Office Action. Withdrawal of the rejection of claims 11-16 under §112 is respectfully requested.

D. The Office Action rejects claims 11-16 under 35 U.S.C. §102(e) over U.S. Patent No. 6,273,569 to Iechika et al. (hereafter "Iechika"). The rejection is respectfully traversed.

Applicants respectfully submit that Iechika fails to disclose every claimed feature as required under §102. For example, Iechika fails to disclose at least features of a first fly eye lens including an $n \times m$ matrix of lens cells which are for imaging the beams incident from the light source on various points spaced apart from one another, wherein each lens cell of the first fly eye lens is a micro-lens, wherein the first fly eye lens has a first plurality of lens cells each with an optical axis offset relative to a center point of the lens cell in order to compensate for a shape of the arc lamp and a second fly eye lens refracting the beams from the first fly eye lens into parallel beams, wherein the first fly eye lens comprises a plurality of lens cells corresponding to a plurality of lens cells of the second fly eye lens, respectively, and combinations thereof as recited in claim 11.

In contrast, Applicants respectfully submit a first lens array in Iechika adjusts an optical center by changing each radius and center point of all the lenses in all the columns. Such a structure in Iechika is unavoidable in order to direct beams to the second lens array having a different number of columns of lenses and a different number of lenses in the columns. Further, Applicants respectfully submit Iechika does not teach or suggest any modification to its

disclosure that would result in at least features of a first fly eye lens and a second fly eye lens and combinations thereof as recited in claim 11.

With respect to claim 16, Applicants respectfully submit Iechika does not teach or suggest at least features of second lens cells of the first fly eye lens, wherein an optical axis of said each second lens is substantially co-located at a center and combinations thereof as recited.

For at least the reasons set forth above, Applicants respectfully submit claim 11 defines patentable subject matter. Claim 16 defines patentable subject matter for at least reasons similar to claim 11. Claims 12-15 depend from claim 11 and therefore also define patentable subject matter for at least that reason as well as their additionally recited features. Withdrawal of the rejection of claims 11-16 under 35 U.S.C. §102 is respectfully requested.

E. Claims 17-24 are newly added by this Amendment and believed to be in condition for allowance.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **Carl R. Wesolowski**, at the telephone number listed below.

Serial No. 10/024,568

Docket No. K-0371

Reply to Office Action of February 24, 2004

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this; concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
FLESHNER & KIM, LLP



Carl R. Wesolowski
Registration No. 40,372

P.O. Box 221200
Chantilly, Virginia 20153-1200
(703) 766-3701 DYK/CRW:jld:dep
Date: August 23, 2004

Please direct all correspondence to Customer Number 34610



FIG. 5

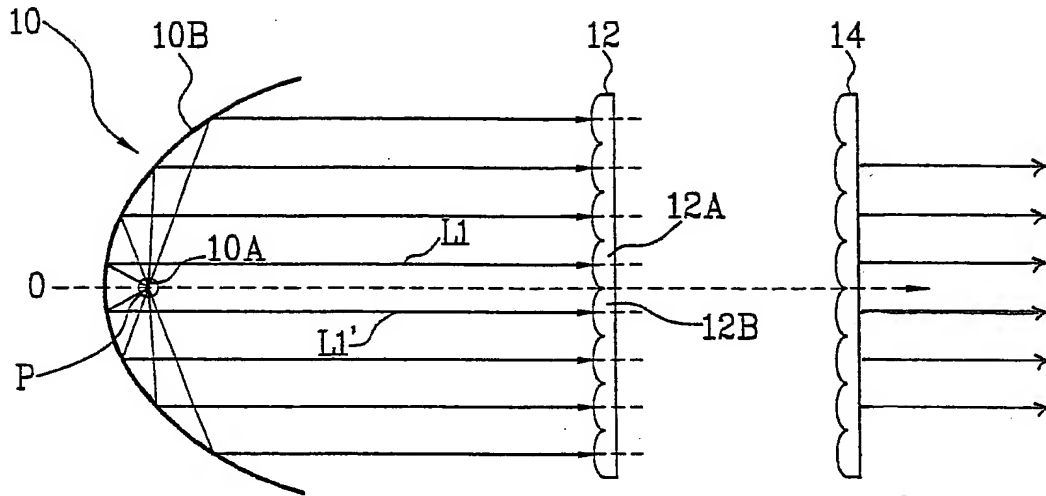


FIG. 6

